



# *Smart Irrigation System*

*Powered by Hacker School*

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Welcome!

Our group has developed an accessible autonomous irrigation system to take care of your plants for you and avoid the waste of water caused by traditional irrigation systems!

Our system monitors the conditions of your garden through 3 main variables, soil moisture, atmospheric temperature and meteorology. Analyzing these variables it is possible to determine with great precision when your plants needed water and the ideal amount of water for irrigation.

Try to simulate the programming on [Interactive simulation](#) and see how easy it is to use!

If you already have one, you can program it through that same site on [programming](#).



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Here you can program your device, just follow the steps ...

Step 1;

Choose the type of programming:

Autonomus  
Programming

Expert Programming

\* In *Autonomous Programming* you only need to inform which, among the 3 predefined types, your plant fits and we do all the work for you!

\* In *Expert Programming* you need to regulate more variables.



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Step 2;

You have chosen *Automatic Programming*.

Now, just choose from the 3 types which plants are best suited:

Succulents

Garden plants

Fruit plants

\* Your plants received the ideal amount of water for the selected type.  
Automatic saving.

Thank you for your trust!



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Step 2;

You have choosen *Expert Programing*.

(On this page it is possible to manually adjust the irrigation timer and check the data recorded by your device)

Soil Moisture

XXX

Temperature

XXX

Meteorology

XXX

Timer:

Enter on the box the desired time interval between irrigations:

Enter on the box the hour of the day to start irrigation in the  
time interval above:

or ;

Enter on the box the time of day in hours to start irrigating:

Now, please enter in the box the  
duration in minutes of each irrigation:

activate irrigation



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